

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 4, 2005, 12:02:44 ; Search time 154 Seconds
(without alignments)
619.623 Million cell updates/sec

Title: US-10-006-867-2
Perfect score: 1392
Sequence: 1 MWFFQGLSFLPSALVIWTS.....YDTAPCPINNERTRLISRDI 266

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 2002273 seqs, 358729299 residues

Total number of hits satisfying chosen parameters: 2002273

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : A_Geneseq_23Sep04:*
1: geneseqp1980s:*
2: geneseqp1990s:*
3: geneseqp2000s:*
4: geneseqp2001s:*
5: geneseqp2002s:*
6: geneseqp2003as:*
7: geneseqp2003bs:*
8: geneseqp2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1392	100.0	266	3 AAY66636	Aay66636 Membrane-
2	1392	100.0	266	4 AAU29028	Aau29028 Human PRO
3	1392	100.0	266	4 AAM39568	Aam39568 Human pol
4	1392	100.0	266	4 AAB65159	Aab65159 Human PRO
5	1392	100.0	266	5 ABB90338	Abb90338 Human pol
6	1392	100.0	266	5 ABG95851	Abg95851 Human sec
7	1392	100.0	266	6 ABUS8404	Abu58404 Human PRO
8	1392	100.0	266	6 ABUS7952	Abu87952 Novel hum
9	1392	100.0	266	6 ABUS4267	Abu84267 Human sec
10	1392	100.0	266	6 ABR66141	Abr66141 Human sec
11	1392	100.0	266	6 ABR65531	Abr65531 Human sec
12	1392	100.0	266	6 ABUS9471	Abu99471 Human sec
13	1392	100.0	266	6 ABUS7974	Abu57974 Human PRO
14	1392	100.0	266	6 ABUS9052	Abu59052 Novel hum
15	1392	100.0	266	6 ABUS2564	Abu82564 Human sec
16	1392	100.0	266	6 ABUS2710	Abu82710 Human PRO
17	1392	100.0	266	6 ABUS9831	Abu89831 Novel hum
18	1392	100.0	266	6 ABR68080	Abr68080 Human sec
19	1392	100.0	266	6 ADA57044	Ada57044 Human sec
20	1392	100.0	266	6 ABUS60483	Abu60483 Human sec
21	1392	100.0	266	6 ABUS96133	Abu96133 Novel hum
22	1392	100.0	266	6 ABUS92564	Abu92564 Human sec
23	1392	100.0	266	6 ABO08641	Abo08641 Human sec
24	1392	100.0	266	6 ABO02693	Abo02693 Human sec
25	1392	100.0	266	6 ABR74847	Abr74847 Human sec

26	1392	100.0	266	6 ABR94609	Abr94609 Human sec
27	1392	100.0	266	6 ABUS13865	Abu13865 Human PRO
28	1392	100.0	266	6 ABUS5582	Abu55582 Human PRO
29	1392	100.0	266	6 ABUS98742	Abu98742 Novel hum
30	1392	100.0	266	6 ABUS97957	Abu97957 Novel hum
31	1392	100.0	266	6 ABUS91663	Abu91663 Novel hum
32	1392	100.0	266	6 ABUS9356	Abu89356 Human PRO
33	1392	100.0	266	6 ABUS6197	Abu86197 Human sec
34	1392	100.0	266	6 ABUS67410	Abu67410 Human sec
35	1392	100.0	266	6 ABUS0438	Abu80438 Human PRO
36	1392	100.0	266	6 ABUS72450	Abu72450 Novel hum
37	1392	100.0	266	6 ABUS0876	Abu90876 Novel hum
38	1392	100.0	266	6 ABO33935	Abo33935 Human sec
39	1392	100.0	266	6 ABR99356	Abr99356 Human sec
40	1392	100.0	266	6 ABR98746	Abr98746 Human sec
41	1392	100.0	266	6 ABO16269	Abo16269 Human sec
42	1392	100.0	266	6 ABR92169	Abr92169 Human sec
43	1392	100.0	266	6 ABO18810	Abo18810 Human sec
44	1392	100.0	266	6 ABR78231	Abr78231 Human sec
45	1392	100.0	266	6 ABUS71952	Abu71952 Novel hum

ALIGNMENTS

RESULT 1
AAY66636
ID AAY66636 standard; protein; 266 AA.
XX

AC AAY66636;

XX
DT 05-APR-2000 (first entry)

XX
DE Membrane-bound protein PRO180.

XX
KW Membrane-bound polypeptide; PRO polypeptide; LDL receptor; TIE ligand; pharmaceutical; receptor immunoadhesin; gene mapping.

XX
OS Homo sapiens.

XX
PN WO9963088-A2.

XX
PD 09-DEC-1999.

XX
PF 02-JUN-1999; 99WO-US012252.

XX
PR 02-JUN-1998; 98US-0087607P.

PR 02-JUN-1998; 98US-0087609P.

PR 02-JUN-1998; 98US-0087759P.

PR 03-JUN-1998; 98US-0087827P.

PR 04-JUN-1998; 98US-0088021P.

PR 04-JUN-1998; 98US-0088025P.

PR 04-JUN-1998; 98US-0088028P.

PR 04-JUN-1998; 98US-0088029P.

PR 04-JUN-1998; 98US-0088030P.

PR 04-JUN-1998; 98US-0088033P.

PR 04-JUN-1998; 98US-0088167P.

PR 05-JUN-1998; 98US-0088202P.

PR 05-JUN-1998; 98US-0088212P.

PR 05-JUN-1998; 98US-0088217P.

PR 09-JUN-1998; 98US-0088655P.

PR 10-JUN-1998; 98US-0088722P.

PR 10-JUN-1998; 98US-0088730P.

PR 10-JUN-1998; 98US-0088734P.

PR 10-JUN-1998; 98US-0088738P.

PR 10-JUN-1998; 98US-0088740P.

PR 10-JUN-1998; 98US-0088741P.

PR 10-JUN-1998; 98US-0088742P.

PR 10-JUN-1998; 98US-0088810P.

PR 10-JUN-1998; 98US-0088811P.

PR 10-JUN-1998; 98US-0088824P.

PR 10-JUN-1998; 98US-0088825P.

PR	10-JUN-1998;	98US-0088926P.
PR	11-JUN-1998;	98US-0088858P.
PR	11-JUN-1998;	98US-0088861P.
PR	11-JUN-1998;	98US-0088863P.
PR	11-JUN-1998;	98US-0088876P.
PR	12-JUN-1998;	98US-0089090P.
PR	12-JUN-1998;	98US-0089105P.
PR	16-JUN-1998;	98US-0089440P.
PR	16-JUN-1998;	98US-0089512P.
PR	16-JUN-1998;	98US-0089514P.
PR	17-JUN-1998;	98US-0089532P.
PR	17-JUN-1998;	98US-0089538P.
PR	17-JUN-1998;	98US-0089598P.
PR	17-JUN-1998;	98US-0089599P.
PR	17-JUN-1998;	98US-0089600P.
PR	17-JUN-1998;	98US-0089653P.
PR	18-JUN-1998;	98US-0089801P.
PR	18-JUN-1998;	98US-0089907P.
PR	18-JUN-1998;	98US-0089908P.
PR	19-JUN-1998;	98US-0089947P.
PR	19-JUN-1998;	98US-0089948P.
PR	19-JUN-1998;	98US-0089952P.
PR	22-JUN-1998;	98US-0090246P.
PR	22-JUN-1998;	98US-0090252P.
PR	22-JUN-1998;	98US-0090254P.
PR	23-JUN-1998;	98US-0090349P.
PR	23-JUN-1998;	98US-0090355P.
PR	24-JUN-1998;	98US-0090429P.
PR	24-JUN-1998;	98US-0090431P.
PR	24-JUN-1998;	98US-0090435P.
PR	24-JUN-1998;	98US-0090444P.
PR	24-JUN-1998;	98US-0090445P.
PR	24-JUN-1998;	98US-0090557P.
PR	25-JUN-1998;	98US-0090676P.
PR	25-JUN-1998;	98US-0090678P.
PR	25-JUN-1998;	98US-0090688P.
PR	25-JUN-1998;	98US-0090690P.
PR	25-JUN-1998;	98US-0090691P.
PR	25-JUN-1998;	98US-0090694P.
PR	25-JUN-1998;	98US-0090695P.
PR	25-JUN-1998;	98US-0090696P.
PR	26-JUN-1998;	98US-0090862P.
PR	26-JUN-1998;	98US-0090863P.
PR	01-JUL-1998;	98US-0091358P.
PR	01-JUL-1998;	98US-0091360P.
PR	02-JUL-1998;	98US-0091478P.
PR	02-JUL-1998;	98US-0091486P.
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PR	02-JUL-1998;	98US-0091544P.
PR	02-JUL-1998;	98US-0091626P.
PR	02-JUL-1998;	98US-0091628P.
PR	02-JUL-1998;	98US-0091633P.
PR	02-JUL-1998;	98US-0091646P.
PR	07-JUL-1998;	98US-0091673P.
PR	07-JUL-1998;	98US-0091978P.
PR	07-JUL-1998;	98US-0091982P.
PR	09-JUL-1998;	98US-0092182P.
PR	10-JUL-1998;	98US-0092472P.
PR	20-JUL-1998;	98US-0093339P.
PR	30-JUL-1998;	98US-0094651P.
PR	04-AUG-1998;	98US-0095282P.
PR	04-AUG-1998;	98US-0095285P.
PR	04-AUG-1998;	98US-0095301P.
PR	04-AUG-1998;	98US-0095302P.
PR	04-AUG-1998;	98US-0095318P.
PR	04-AUG-1998;	98US-0095321P.
PR	04-AUG-1998;	98US-0095325P.
PR	10-AUG-1998;	98US-0095916P.

PR	10-AUG-1998;	98US-0095929P.
PR	10-AUG-1998;	98US-0096012P.
PR	11-AUG-1998;	98US-0096143P.
PR	11-AUG-1998;	98US-0096146P.
PR	12-AUG-1998;	98US-0096329P.
PR	17-AUG-1998;	98US-0096757P.
PR	17-AUG-1998;	98US-0096766P.
PR	17-AUG-1998;	98US-0096768P.
PR	17-AUG-1998;	98US-0096773P.
PR	17-AUG-1998;	98US-0096791P.
PR	17-AUG-1998;	98US-0096867P.
PR	17-AUG-1998;	98US-0096891P.
PR	17-AUG-1998;	98US-0096894P.
PR	17-AUG-1998;	98US-0096895P.
PR	17-AUG-1998;	98US-0096897P.
PR	18-AUG-1998;	98US-0096949P.
PR	18-AUG-1998;	98US-0096950P.
PR	18-AUG-1998;	98US-0096955P.
PR	18-AUG-1998;	98US-0096960P.
PR	18-AUG-1998;	98US-0097022P.
PR	19-AUG-1998;	98US-0097141P.
PR	20-AUG-1998;	98US-0097218P.
PR	24-AUG-1998;	98US-0097661P.
PR	26-AUG-1998;	98US-0097951P.
PR	26-AUG-1998;	98US-0097952P.
PR	26-AUG-1998;	98US-0097954P.
PR	26-AUG-1998;	98US-0097955P.
PR	26-AUG-1998;	98US-0097971P.
PR	26-AUG-1998;	98US-0097974P.
PR	26-AUG-1998;	98US-0097978P.
PR	26-AUG-1998;	98US-0097979P.
PR	26-AUG-1998;	98US-0097986P.
PR	26-AUG-1998;	98US-0098014P.
PR	31-AUG-1998;	98US-0098525P.
PR	16-SEP-1998;	98US-010634P.
PR	12-JAN-1999;	99US-0115565P.

Query Match	100.0%;	Score 1392;	DB 3;	Length 266;
Best Local Similarity	100.0%;	Pred. No. 3.9e-149;		
Matches 266;	Conservative 0;	Mismatches 0;	Indels 0;	

Qy	1	MWFFQQGLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML	60
D _b	1	MWFFQQGLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML	60


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XX DE Human polypeptide SEQ ID NO 2713.
XX DE
XX KW Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;
XX KW peripheral nervous system; neuropathy; central nervous system; CNS;
XX KW Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
XX KW amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
XX KW chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
XX KW leukaemia.
XX OS Homo sapiens.
XX OS
XX PN WO200153312-A1.
XX PD
XX XX
XX PF 26-JUL-2001.
XX PF 26-DEC-2000; 2000WO-US034263.
XX PR
XX PR 23-DEC-1999; 99US-00471275.
XX PR 21-JAN-2000; 2000US-00488725.
XX PR 25-APR-2000; 2000US-00552317.
XX PR 20-JUN-2000; 2000US-00598042.
XX PR 19-JUL-2000; 2000US-00620312.
XX PR 03-AUG-2000; 2000US-00653450.
XX PR 14-SEP-2000; 2000US-00662191.
XX PR 19-OCT-2000; 2000US-00693036.
XX PR 29-NOV-2000; 2000US-00727344.
XX PR
XX PA (HYSE-) HYSEQ INC.
XX XX
XX PI Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;
XX PI Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J, Zhao QA;
XX PI Zhou P, Goodrich R, Drmanac RT;
XX XX
XX DR WPI; 2001-442253/47.
XX DR N-PSDB; AAI58724.
XX XX
XX PT Novel nucleic acids and polypeptides, useful for treating disorders such
XX PT as central nervous system injuries.
XX XX
XX PS Example 4; SEQ ID NO 2713; 10078pp; English.
XX XX
XX CC The invention relates to human nucleic acids (AAI57798-AAI61369) and the
XX CC encoded polypeptides (AAM38642-AAM42213) with nootropic,
XX CC immunosuppressant and cyostatic activity. The polynucleotides are useful
XX CC in gene therapy. A composition containing a polypeptide or polynucleotide
XX CC of the invention may be used to treat diseases of the peripheral nervous
XX CC system, such as peripheral nervous injuries, peripheral neuropathy and
XX CC localised neuropathies and central nervous system diseases, such as
XX CC Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
XX CC lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
XX CC utilisation of the activities such as: Immune system suppression,
XX CC Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
XX CC and thrombolytic activity, cancer diagnosis and therapy, drug screening,
XX CC assays for receptor activity, arthritis and inflammation, leukaemias and
XX CC C.N.S disorders. Note: The sequence data for this patent did not form
XX CC part of the printed specification
XX SQ Sequence 266 AA;

Query Match 100.0%; Score 1392; DB 4; Length 266;
Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWWFQQLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
Db |
1 MWWFQQLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
QY 61 NIAAVLCIATIIYRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120
Db |
61 NIAAVLCIATIIYRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120
QY 121 HVSGAVLTFMGSLYMFVQTILSYMQPKIHGKQVFWIRLLLVWCGVSALSMLTCSSVL 180
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Db 121 HVSGAVLTFMGSLYMFVQTILSYMQPKIHGKQVFWIRLLLVWCGVSALSMLTCSSVL 180
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Db 181 HSGNFGTDLQKLHWNPEDKGYVLHMITTAAEWSMSFSFFGFFLTYYIRDFQKISLRVEAN 240
QY 241 LHGLTLYDTAPPCPINNERTLLSRDI 266
Db 241 LHGLTLYDTAPPCPINNERTLLSRDI 266

RESULT 4
ID AAB65159
XX AAB65159 standard; protein; 266 AA.
AC AAB65159;
XX
DT 02-APR-2001 (first entry)
XX
DE Human PRO180 (UNQ154) protein sequence SEQ ID NO:23.
XX
KW Human; secreted and transmembrane protein; PRO; cytostatic; cell death;
KW cancer; chromosomal mapping; gene mapping; tissue typing;
KW diagnostic assay.
XX
OS Homo sapiens.
XX
PN WO2000073454-A1.
XX
PD 07-DEC-2000.
XX
PF 30-MAR-2000; 2000WO-US008439.
XX
PR 02-JUN-1999; 99WO-US012252.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0143048P.
PR 20-JUL-1999; 99US-0144758P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 17-AUG-1999; 99US-0149396P.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 08-OCT-1999; 99US-0158663P.
PR 30-NOV-1999; 99WO-US028313.
PR 01-DEC-1999; 99WO-US028301.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
XX

(GETH ) GENENTECH INC.

Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
Ferrara N, Fong S, Gerber H, Gerritsen ME, Goddard A, Godowski PJ;
Grimaldi CJ, Gurney AL, Kljavin IJ, Napier MA, Pan J, Paoni NF;
Roy MA, Stewart TA, Tumas D, Watanabe CK, Williams PM, Wood WI;
Zhang Z;

WPI; 2001-032160/04.
DR N-PSDB; AAF44095.
XX
PT PRO polynucleotides used to produce polypeptides used to target bioactive
PT molecules such as toxins, radiolabels or antibodies, to specific cells,
PT to cause targeted cell death.
```

XX Claim 12; Fig 15; 935pp; English.

PS The present invention describes human secreted and transmembrane PRO

CC proteins. The PRO proteins have cytosolic activity. The PRO proteins can

CC be used for targeted delivery of bioactive molecules, such as toxins,

CC radiolabels or antibodies, that cause cell death. PRO nucleotide

CC sequences, and their fragments, can be used as hybridisation probes, in

CC chromosomal and gene mapping, and in the generation of anti-sense RNA and

CC DNA. They may also be used to produce transgenic animals which are used

CC to develop and screen therapeutically useful reagents. The PRO nucleotide

CC and protein sequence can be used for tissue typing and in treating

CC cancer. Anti-PRO antibodies can be used in diagnostic assays. AAF44270 to

CC AAF44470 represent PCR primers and hybridisation probes used in the

CC isolation of human PRO sequences. AAF44087 to AAF44269 and AAB65154 to

CC AAB65300 represent human PRO polynucleotide and protein sequences given

CC in the exemplification of the present invention

XX

SQ Sequence 266 AA;

Query Match 100.0%; Score 1392; DB 4; Length 266;

Best Local Similarity 100.0%; Pred. No. 3.9e-149;

Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWFFQGLSFLPSALVWTSAAIFSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60

Db 1 MWFFQGLSFLPSALVWTSAAIFSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60

QY 61 NIAAVLCIATYVRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120

Db 61 NIAAVLCIATYVRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120

QY 121 HVSGAVLTFGMGSLYMFVQITLSYQMPKIHGKQVFWIRLLLVWCGVSALSMLTCSSVL 180

Db 121 HVSGAVLTFGMGSLYMFVQITLSYQMPKIHGKQVFWIRLLLVWCGVSALSMLTCSSVL 180

QY 181 HSGNFGTDLEQKLHNWPNEDKGYVLMHTTAAEWSMSFSFFGFLTYIRDFQKISLRVEAN 240

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QY 241 LHGLTLYDTAPCPINNERTLLSRDI 266

Db 241 LHGLTLYDTAPCPINNERTLLSRDI 266

RESULT 5

ABB90338

ID ABB90338 standard; protein; 266 AA.

AC ABB90338;

XX 24-MAY-2002 (first entry)

DT Human polypeptide SEQ ID NO 2714.

DE

XX Cytostatic; immunosuppressive; nootropic; neuroprotective; antiviral;

KW antiallergic; hepatotropic; antidiabetic; antiinflammatory; antiulcer;

KW vulnary; anticonvulsant; antibacterial; antifungal; antiparasitic;

KW cardiant; gene therapy; cancer; immune disorder; cardiovascular disorder;

KW neurological disease; infection; human; secreted protein.

XX

OS Homo sapiens.

XX WO200190304-A2.

PN

XX 29-NOV-2001.

PD

XX 18-MAY-2001; 2001WO-US016450.

PF

XX 19-MAY-2000; 2000US-0205515P.

PR

XX (HUMA-) HUMAN GENOME SCI INC.

PA

XX

PI Birse CE, Rosen CA;

XX WPI; 2002-122018/16.

DR N-PSDB; ABL90747.

XX Novel 1405 isolated polypeptides, useful for diagnosis, treatment and

PT prevention of neural, immune system, muscular, reproductive,

PT gastrointestinal, pulmonary, cardiovascular, renal and proliferative

PT disorders.

XX

PS Claim 11; SEQ ID NO 2714; 2081pp + Sequence Listing; English.

XX

CC The invention relates to novel genes (ABL89449-ABL90853) and proteins

CC (ABB9040-ABB90444) useful for preventing, treating or ameliorating

CC medical conditions e.g. by protein or gene therapy. The genes are

CC isolated from a range of human tissues disclosed in the specification.

CC The nucleic acids, proteins, antibodies and (ant)agonists are useful in

CC the diagnosis, treatment and prevention of: (a) cancer, e.g. breast and

CC ovarian cancer and other cancers of the adrenal gland, bone, bone marrow,

CC breast, gastrointestinal tract, liver, lung, or urogenital; (b) immune

CC disorders e.g. Addison's disease, allergies, autoimmune haemolytic

CC anaemia, autoimmune thyroiditis, diabetes mellitus, Crohn's disease,

CC multiple sclerosis, rheumatoid arthritis and ulcerative colitis; (c)

CC cardiovascular disorders such as myocardial ischaemias; (d) wound healing

CC ; (e) neurological diseases e.g. cerebral anoxia and epilepsy; and (f)

CC infectious diseases such as viral, bacterial, fungal and parasitic

CC infections. Note: The sequence data for this patent did not form part of

CC the printed specification, but was obtained in electronic format directly

CC from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX

SQ Sequence 266 AA;

Query Match 100.0%; Score 1392; DB 5; Length 266;

Best Local Similarity 100.0%; Pred. No. 3.9e-149;

Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWFFQGLSFLPSALVWTSAAIFSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60

Db 1 MWFFQGLSFLPSALVWTSAAIFSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60

QY 61 NIAAVLCIATYVRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120

Db 61 NIAAVLCIATYVRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120

QY 121 HVSGAVLTFGMGSLYMFVQITLSYQMPKIHGKQVFWIRLLLVWCGVSALSMLTCSSVL 180

Db 121 HVSGAVLTFGMGSLYMFVQITLSYQMPKIHGKQVFWIRLLLVWCGVSALSMLTCSSVL 180

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QY 241 LHGLTLYDTAPCPINNERTLLSRDI 266

Db 241 LHGLTLYDTAPCPINNERTLLSRDI 266

RESULT 6

ABG95851

ID ABG95851 standard; protein; 266 AA.

XX

AC ABG95851;

XX

DT 10-DEC-2002 (first entry)

XX

DE Human secreted/transmembrane protein PRO180.

XX

KW Human; secreted protein; transmembrane protein; antirheumatic;

KW antiarthritic; osteopathic; sports-related joint problem;

KW articular cartilage defect; osteoarthritis; rheumatoid arthritis.

XX

OS Homo sapiens.

XX

PN	US2002119130-A1.	PR	10-NOV-2000; 2000WO-US030873.
XX		PR	01-DEC-2000; 2000WO-US032378.
PD	29-AUG-2002.	PR	20-DEC-2000; 2000WO-US034956.
XX		PR	28-FEB-2001; 2001WO-US006520.
PF	06-DEC-2001; 2001US-00006867.	PR	01-MAR-2001; 2001WO-US006666.
XX		PR	30-MAY-2001; 2001WO-US017443.
PR	29-OCT-1997; 97US-0063435P.	PR	01-JUN-2001; 2001WO-US017800.
PR	29-OCT-1997; 97US-0064215P.	PR	20-JUN-2001; 2001WO-US019692.
PR	22-APR-1998; 98US-0082797P.	PR	29-JUN-2001; 2001WO-US021066.
PR	29-APR-1998; 98US-0083495P.	PR	09-JUL-2001; 2001WO-US021735.
PR	15-MAY-1998; 98US-0085579P.	XX	
PR	02-JUN-1998; 98US-0087759P.	PA	(GETH) GENENTECH INC.
PR	04-JUN-1998; 98US-0088021P.	XX	
PR	04-JUN-1998; 98US-0088029P.	PI	Eaton DL, Filvaroff E, Gerritsen ME, Goddard A, Godowski PJ;
PR	04-JUN-1998; 98US-0088030P.	PI	Grimaldi JC, Gurney AL, Watanabe CK, Wood WI;
PR	10-JUN-1998; 98US-0088734P.	XX	
PR	10-JUN-1998; 98US-0088740P.	DR	WPI; 2002-731348/79.
PR	10-JUN-1998; 98US-0088811P.	DR	N-PSDB; ABS74378.
PR	10-JUN-1998; 98US-0088824P.	XX	
PR	10-JUN-1998; 98US-0088825P.	PT	New isolated secreted and transmembrane PRO polypeptide useful for
PR	11-JUN-1998; 98US-0088863P.	PT	modulating biological activity of a cell, or for treating sports-related
PR	12-JUN-1998; 98US-0089105P.	PT	joint problems, osteoarthritis or rheumatoid arthritis.
PR	16-JUN-1998; 98US-0089514P.	XX	
PR	17-JUN-1998; 98US-0089653P.	PS	Claim 20; Fig 2; 399pp; English.
PR	19-JUN-1998; 98US-0089952P.	XX	
PR	22-JUN-1998; 98US-0090246P.	CC	The invention relates to an isolated secreted and transmembrane PRO
PR	24-JUN-1998; 98US-0090444P.	CC	polypeptide having 80 % sequence identity to a sequence appearing as
PR	25-JUN-1998; 98US-0090688P.	CC	ABG95851-ABG95934 or their associated signal peptide, or a sequence of an
PR	25-JUN-1998; 98US-0090696P.	CC	extracellular domain of the proteins with their associated signal peptide
PR	26-JUN-1998; 98US-0090862P.	CC	or lacking its associated signal peptide. Also included are the nucleic
PR	02-JUL-1998; 98US-0091628P.	CC	acids encoding the proteins, vectors, host cells, fusion proteins and
PR	10-AUG-1998; 98US-0096012P.	CC	antibodies which specifically bind to the proteins. The proteins are
PR	17-AUG-1998; 98US-0096757P.	CC	useful for detecting a polypeptide designated as A, B, C or D in a sample
PR	18-AUG-1998; 98US-0096949P.	CC	suspected of containing an A, B, C or D polypeptide, by contacting the
PR	18-AUG-1998; 98US-0096959P.	CC	sample with a polypeptide designated as E, F, G, H or I (or vice versa)
PR	26-AUG-1998; 98US-0097954P.	CC	and determining the formation of a A/E, B/F, C/G, C/H or D/I polypeptide
PR	26-AUG-1998; 98US-0097971P.	CC	conjugate in the sample, where the formation of the conjugate is
PR	01-SEP-1998; 98US-0098749P.	CC	indicative of the presence of an A, B, C or D polypeptide in the sample,
PR	10-SEP-1998; 98US-0099741P.	CC	where A is a PRO10272 polypeptide, B is a PRO20110 polypeptide, C is a
PR	10-SEP-1998; 98US-0099763P.	CC	PRO10096 polypeptide, D is a PRO19760 polypeptide, E is a PRO5801
PR	10-SEP-1998; 98US-0099792P.	CC	polypeptide, F is a PRO1 polypeptide, G is a PRO20040 polypeptide, H is a
PR	10-SEP-1998; 98US-0099812P.	CC	PRO20233 polypeptide and I is a PRO1890 polypeptide. The sample comprises
PR	10-SEP-1998; 98US-0099815P.	CC	a cell suspected of expressing the A, B, C or D polypeptide. The E, F, G,
PR	16-SEP-1998; 98US-0100627P.	CC	H or I polypeptide is labeled with a detectable label or is attached to a
PR	16-SEP-1998; 98US-0100662P.	CC	solid support. The proteins are useful for linking a bioactive molecule
PR	16-SEP-1998; 98US-0100683P.	CC	to a cell expressing a polypeptide designated as A, B, C or D or E, F, G,
PR	17-SEP-1998; 98US-0100684P.	CC	H or I. The bioactive molecule is a toxin, a radiolabel or an antibody.
PR	17-SEP-1998; 98US-0100930P.	CC	The bioactive molecule causes death of the cell. A, B, C, D, E, F, G, H,
PR	22-SEP-1998; 98US-0101738P.	CC	or I, or antibodies against them are useful for modulating a biological
PR	23-SEP-1998; 98US-0101475P.	CC	activity of a cell expressing a polypeptide designated as A, B, C or D or
PR	24-SEP-1998; 98US-0101743P.	CC	E, F, G, H, or I. The cell is killed. The proteins are useful for
PR	24-SEP-1998; 98US-0101916P.	CC	identifying agonists or antagonists, for the preparation of a medicament
PR	30-SEP-1998; 98US-0102570P.	CC	useful in the treatment of a condition which is responsive to the
PR	06-OCT-1998; 98US-0103449P.	CC	proteins, as molecular weight markers for protein electrophoresis
PR	08-MAR-1999; 99WO-US005028.	CC	purposes, and as therapeutic agents for treating sports-related joint
PR	14-MAY-1999; 99WO-US010733.	CC	problems, articular cartilage defects, osteoarthritis or rheumatoid
PR	02-JUN-1999; 99WO-US012252.	CC	arthritis. Nucleic acids encoding the proteins are useful as
PR	01-SEP-1999; 99WO-US020111.	CC	hybridisation probes, in chromosome and gene mapping, in the generation
PR	15-SEP-1999; 99WO-US021090.	CC	of anti-sense RNA and DNA, for the preparation of the proteins, to
PR	22-DEC-1999; 99WO-US030720.	CC	generate transgenic or knockout animals which are useful in the
PR	18-FEB-2000; 2000WO-US004341.	CC	development and screening of therapeutic useful reagents, for chromosome
PR	18-FEB-2000; 2000WO-US004342.	CC	identification, and in gene therapy. The antibody is useful as a
PR	22-FEB-2000; 2000WO-US004414.	CC	therapeutic agent, in a diagnostic assay and for affinity purification of
PR	01-MAR-2000; 2000WO-US005601.	CC	the protein from recombinant cell culture natural sources. The present
PR	30-MAR-2000; 2000WO-US008439.	CC	sequence represents a novel secreted or transmembrane protein of the
PR	22-MAY-2000; 2000WO-US014042.	XX	invention
PR	02-JUN-2000; 2000WO-US015264.	SQ	Sequence 266 AA;
PR	23-AUG-2000; 2000WO-US023522.		
PR	24-AUG-2000; 2000WO-US023328.		
			Query Match 100.0%; Score 1392; DB 5; Length 266;
			Best Local Similarity 100.0%; Pred. No. 3.9e-149;
			Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

PR 25-JUN-1998; 98US-0090690P.
PR 25-JUN-1998; 98US-0090694P.
PR 25-JUN-1998; 98US-0090695P.
PR 25-JUN-1998; 98US-0090696P.
PR 26-JUN-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090862P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 01-JUL-1998; 98US-0091544P.
PR 02-JUL-1998; 98US-0091478P.
PR 02-JUL-1998; 98US-0091486P.
PR 02-JUL-1998; 98US-0091626P.
PR 02-JUL-1998; 98US-0091628P.
PR 02-JUL-1998; 98US-0091632P.
PR 24-JUL-1998; 98US-0094006P.
PR 04-AUG-1998; 98US-0095282P.
PR 10-AUG-1998; 98US-009598P.
PR 10-AUG-1998; 98US-0096012P.
PR 17-AUG-1998; 98US-0096757P.
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PR 18-AUG-1998; 98US-0096949P.
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PR 18-AUG-1998; 98US-0097022P.
PR 26-AUG-1998; 98US-0097952P.
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PR 26-AUG-1998; 98US-0097974P.
PR 26-AUG-1998; 98US-0098014P.
PR 01-SEP-1998; 98US-0098716P.
PR 01-SEP-1998; 98US-0098723P.
PR 02-SEP-1998; 98US-0098803P.
PR 02-SEP-1998; 98US-0098821P.
PR 02-SEP-1998; 98US-0098843P.
PR 09-SEP-1998; 98US-0099602P.
PR 10-SEP-1998; 98US-0099741P.
PR 10-SEP-1998; 98US-0099754P.
PR 10-SEP-1998; 98US-0099763P.
PR 10-SEP-1998; 98US-0099812P.
PR 15-SEP-1998; 98US-0100388P.
PR 16-SEP-1998; 98US-0100662P.
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PR 16-SEP-1998; 98US-0101751P.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98US-0100683P.
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PR 17-SEP-1998; 98US-0100919P.
PR 17-SEP-1998; 98US-0100930P.
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PR 18-SEP-1998; 98US-0101068P.
PR 23-SEP-1998; 98US-0101471P.
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PR 25-SEP-1998; 98US-0101786P.
PR 29-SEP-1998; 98US-0102207P.
PR 29-SEP-1998; 98US-0102240P.
PR 29-SEP-1998; 98US-0102330P.
PR 29-SEP-1998; 98US-0102331P.
PR 30-SEP-1998; 98US-0102487P.
PR 30-SEP-1998; 98US-0102570P.
PR 30-SEP-1998; 98US-0102571P.
PR 01-OCT-1998; 98US-0102684P.
PR 01-OCT-1998; 98US-0102687P.

PR 02-OCT-1998; 98US-0102965P.
PR 06-OCT-1998; 98US-0103258P.
PR 06-OCT-1998; 98US-0103449P.
PR 07-OCT-1998; 98US-00168978.

Query Match 100.0%; Score 1392; DB 6; Length 266;
Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 241 LHGLTLYDTAPCPINNERTRLLSRDI 266
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Db 241 LHGLTLYDTAPCPINNERTRLLSRDI 266

RESULT 8
ABU87952
ID ABU87952 standard; protein; 266 AA.
XX
AC ABU87952;
DT 07-JUL-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO180.
XX
KW Human; secreted and transmembrane protein: PRO; gene therapy;
KW tumour necrosis factor-alpha release; TNF-alpha release;
KW chondrocyte proliferation; chondrocyte differentiation; tumour;
KW adrenal tumour; lung tumour; colon tumour; breast tumour;
KW prostate tumour; rectal tumour; cervical tumour; liver tumour.
XX
OS Homo sapiens.
XX
PN US2003032127-A1.
XX
PD 13-FEB-2003.
XX
PF 26-JUN-2002; 2002US-00183012.
XX
PR 18-SEP-1997; 97US-0059263P.
PR 18-SEP-1997; 97US-0059266P.
PR 17-OCT-1997; 97US-0062250P.
PR 21-OCT-1997; 97US-0063486P.
PR 24-OCT-1997; 97US-0063120P.
PR 24-OCT-1997; 97US-0063121P.
PR 28-OCT-1997; 97US-0063540P.
PR 28-OCT-1997; 97US-0063541P.
PR 28-OCT-1997; 97US-0063544P.
PR 28-OCT-1997; 97US-0063564P.
PR 29-OCT-1997; 97US-0063734P.
PR 31-OCT-1997; 97US-0063870P.
PR 31-OCT-1997; 97US-0064103P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066120P.
PR 24-NOV-1997; 97US-0066466P.
PR 24-NOV-1997; 97US-0066772P.
PR 11-DEC-1997; 97US-0069335P.
PR 12-DEC-1997; 97US-0069425P.

PR 17-DEC-1997; 97US-0069870P.
PR 18-DEC-1997; 97US-0068017P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
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PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
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PR 22-APR-1998; 98US-0082704P.
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PR 10-AUG-1998; 98US-0095998P.
PR 10-AUG-1998; 98US-0096012P.
PR 17-AUG-1998; 98US-0096757P.
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PR 26-AUG-1998; 98US-0097974P.
PR 26-AUG-1998; 98US-0098014P.
PR 01-SEP-1998; 98US-0098716P.
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Query Match 100.0%; Score 1392; DB 6; Length 266;
Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 NIAAVLCIATIIYRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120
|||
Db 61 NIAAVLCIATIIYRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTLFAA 120

QY 121 HVSGAVLTFGMGSLYMFVOTILSYQMOPKIHGKQVFWIRLLLVICGVSALSMLTCSSVL 180
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QY 181 HSGNFGTDLEQKLHNWPNEDKGYVLHMITTAAEWSMSFSGFFLTYYIRDFQKISLRVEAN 240
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QY 241 LHGLTLYDTAPCPINNERTLLSRDI 266
|||
Db 241 LHGLTLYDTAPCPINNERTLLSRDI 266

RESULT 10

ABR66141
ID ABR66141 standard; protein; 266 AA.
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AC ABR66141;
XX
DT 05-AUG-2003 (first entry)
XX
DE Human secreted polypeptide PRO180, SEQ ID NO:10.
XX
KW Human; PRO; secreted protein; transmembrane protein;
KW extracellular domain; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; proliferation; differentiation; cartilage disorder;
KW bone disorder; arthritis; sports injury; cancer; tumour; diagnosis;
KW adrenal tumour; lung; colon; breast; prostate; kidney; rectum; cervix;
KW liver; drug screening; transgenic animal; genetic analysis;
KW antiarthritic; vulnerary; gene therapy.
XX
OS Homo sapiens.
XX
PN US2003027278-A1.
XX
PD 06-FEB-2003.
XX
PF 21-JUN-2002; 2002US-00176987.

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PR 17-SEP-1998; 98US-0100683P.
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Query Match 100.0%; Score 1392; DB 6; Length 266;
Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MWVFOQGLSFLPSALVIWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60

QY 61 NIAAVLCIATIIYRYKQVHALSPEENVIIKLNKAGLVGLSCLGLSIVANFQKTTLFAA 120
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QY 181 HSGNFGTDLEQKLHNWNPEDKGYVLHMITTAAEWSMSFSGFFLTYYRDFQKISLRVEAN 240
Db 181 HSGNFGTDLEQKLHNWNPEDKGYVLHMITTAAEWSMSFSGFFLTYYRDFQKISLRVEAN 240

QY 241 LHGLTLYDTAPCPINNERTLLSRDI 266
Db 241 LHGLTLYDTAPCPINNERTLLSRDI 266

RESULT 11
ABR65531
ID ABR65531 standard; protein; 266 AA.
XX
AC ABR65531;
XX
DT 05-AUG-2003 (first entry)
XX
DE Human secreted polypeptide PRO180, SEQ ID NO:10.
XX
KW Human; PRO; secreted protein; transmembrane protein;
KW extracellular domain; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; proliferation; differentiation; cartilage disorder;
KW bone disorder; arthritis; sports injury; cancer; tumour; diagnosis;
KW adrenal tumour; lung; colon; breast; prostate; kidney; rectum; cervix;
KW liver; drug screening; transgenic animal; genetic analysis;

KW antiarthritic; vulnerary; gene therapy.
XX
OS Homo sapiens.
XX
PN US2003036159-A1.
XX
PD 20-FEB-2003.
XX
PF 02-JUL-2002; 2002US-00188773.
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Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 12
ABU99471
ID ABU99471 standard; protein; 266 AA.
XX
AC ABU99471;
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DT 09-AUG-2003 (first entry)

XX Human secreted/transmembrane protein (PRO) #5.
DE
XX Human; secreted and transmembrane protein; PRO; TNF-alpha;
KW tumour necrosis factor alpha; chondrocyte cell; tumour; gene therapy;
KW tissue typing.
XX
OS Homo sapiens.
XX
PN US2003040070-A1.
PD 27-FEB-2003.
XX
PF 27-JUN-2002; 2002US-00184627.
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Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 14
ABU59052
ID ABU59052 standard; protein; 266 AA.
XX
AC ABU59052;
XX
DT 28-APR-2003 (first entry)
XX
DE Novel human secreted or transmembrane protein PRO180.
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KW Human; PRO; hypertrophy of neonatal heart; angiogenesis; wound healing;
KW cardiac insufficiency disorder; cancer; tumour; immune response;
KW adrenal cortical capillary endothelial growth; c-fos induction;
KW vascular endothelial growth factor inhibition; VEGF inhibition;
KW endothelial cell growth inhibitor; T-lymphocytes stimulation;
KW retinal neurons cell survival; rod photoreceptor cell survival;
KW retinal disorder; retinitis pigmentosum; kidney disorder;
KW mammalian kidney mesangial cell proliferation; Berger disease;
KW dermatitis; herpeticiformis; Crohn's disease; chondrocyte proliferation;
KW chondrocyte redifferentiation; sports injury; arthritis.
XX
OS Homo sapiens.
XX
PN US2002132252-A1.
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PD 19-SEP-2002.
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PF 14-NOV-2001; 2001US-00990442.
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PR 16-JUN-1997; 97US-0049787P.
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PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
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PR 28-FEB-2001; 2001WO-US006520.
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PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 28-AUG-2001; 2001US-00941992.
XX
PA (GETH) GENENTECH INC.

XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Fong S, Gerber H, Gerritsen ME, Goddard A, Godowski PJ;
PI Grimaldi JC, Gurney AL, Kljavin IJ, Napier MA, Pan J, Paoni NF;
PI Roy MA, Stewart TA, Tumas D, Watanabe CK, Williams PM, Wood WI;
PI Zhang Z;
XX
DR WPI; 2003-247083/24.
DR N-PSDB; ABX80122.
XX
PT Novel isolated PRO polypeptides e.g., PRO826, PRO1068, PRO1184, PRO1346

PT and PRO1375, which stimulate proliferation of stimulated T-lymphocytes
PT are therapeutically useful for enhancing immune response and in cancer
PT treatments.
XX
PS Claim 12; Fig 15; 648pp; English.
XX
CC The invention describes an isolated human PRO polypeptide. The PRO
CC polypeptides are useful in detecting PRO polypeptides in a sample, in
CC linking a bioactive molecule to a cell expressing a PRO polypeptide, and
CC in modulating at least one biological activity of a cell expressing a PRO
CC polypeptide. PRO1312 stimulates hypertrophy of neonatal heart and is thus
CC useful for treating cardiac insufficiency disorders. PRO154 and PRO1186
CC stimulate adrenal cortical capillary endothelial growth, and PRO536,
CC PRO943, PRO828, PRO826, PRO1068 or PRO535, PRO826, PRO819, PRO1126,
CC PRO1360 and PRO1387 induce c-fos in endothelial cells, and are thus
CC useful for treating conditions or disorders where angiogenesis would be
CC beneficial, e.g. wound healing and antagonist of this polypeptide are
CC useful for treating cancerous tumours. PRO812 inhibits vascular
CC endothelial growth factor (VEGF) stimulated proliferation of endothelial
CC cells and is thus useful for inhibiting endothelial cell growth in
CC mammals which would be beneficial in inhibiting tumour growth. PRO826,
CC PRO1068, PRO1184, PRO1346 and PRO1375 stimulate proliferation of
CC stimulated T-lymphocytes and are therapeutically useful for enhancing
CC immune response. PRO828, PRO826, PRO1068 or PRO1132 enhance survival of
CC retinal neurons cells (PRO1132 is also enhances survival/proliferation of
CC rod photoreceptor cells) and therefore are useful for treating retinal
CC disorders of injuries, e.g. retinitis pigmentosum, AMD. PRO819, PRO813
CC and PRO11066 induce proliferation of mammalian kidney mesangial cells,
CC and therefore are useful for treating kidney disorders associated with
CC decreased mesangial cell function such as Berger disease or other
CC nephropathies associated with dermatitis, herpetiformis or Crohn's
CC disease. PRO1310, PRO844, PRO1312, PRO1192 and PRO1387 induce the
CC proliferation and/or redifferentiation of chondrocytes in culture and are
CC thus useful for treating sports injuries, and arthritis. This is the
CC amino acid sequence of a novel human PRO protein
XX
SQ Sequence 266 AA;

Query Match 100.0%; Score 1392; DB 6; Length 266;
Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWVFOQLSFLPSALVIWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
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Db 181 HSGNFGTDLEQKLHWNPEDKGYVLHMITTAAEWSMSFSFFGFLTYIRDFQKISLRVEAN 240
QY 241 LHGLTLYDTAPCPINNERTRLLSRDI 266
Db 241 LHGLTLYDTAPCPINNERTRLLSRDI 266

RESULT 15
ABU82564
ID ABU82564 standard; protein; 266 AA.
XX
AC ABU82564;
XX
DT 26-JUN-2003 (first entry)
XX
DE Human secreted/transmembrane protein PRO180.
XX

KW Human; PRO; secreted protein; transmembrane protein;
KW cardiac insufficiency disorders; angiogenesis; wound healing;
KW cancerous tumour; immune response; retinal disorder; sight loss;
KW retinitis pigmentosum; age-related macular degeneration; AMD;
KW kidney disorder; Berger disease; nephropathy; dermatitis; herpetiformis;
KW Crohn's disease; sports injury; arthritis.
XX
OS Homo sapiens.
XX
PN US2003032023-A1.
XX
PD 13-FEB-2003.
XX
PF 14-NOV-2001; 2001US-00990711.
XX
PR 16-JUN-1997; 97US-0049787P.
PR 17-OCT-1997; 97US-0062250P.
PR 05-NOV-1997; 97WO-US020069.
PR 12-NOV-1997; 97US-0065186P.
PR 13-NOV-1997; 97US-0065311P.
PR 24-NOV-1997; 97US-0066770P.
PR 25-FEB-1998; 98US-0075945P.
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PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
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PR 22-DEC-1998; 98US-0113296P.
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PR 01-DEC-1999; 99WO-US028634.
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PR 20-DEC-1999; 99WO-US030911.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
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Query Match 100.0%; Score 1392; DB 6; Length 266;
Best Local Similarity 100.0%; Pred. No. 3.9e-149;
Matches 266; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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241 LHGLTLYDTAPCPINNERTRLLSRDI 266

Job time : 157 secs

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